May 13, 1988 Issue 437

DXpedition News

Trindade - PYØT The Natal DX Group has provided additional details on their June 1-5 trip to PYØT (SA-10). Look for ZYØTO (PS7BF), ZYØTK (PS7KM), ZYØTR (PY1BVY), ZYØTF (PS7WB) and ZYØTW (PS7WP). CW 5 kHz up on 80 and 40, 25 kHz up on the higher bands. SSB on usual DX frequencies. RTTY 87 kHz up, listening 090-100 kHz up. 160 meters at 1830/1835 kHz. Emphasis on CW and RTTY. Look for 10 meters 10-19Z, 160 M 21-0400Z. Sunrise 0736Z, sunset 1723Z. QSL SSB and RTTY QSOs to Natal DX group, Caixa Postal 385, 59001 Natal RN, Brasil. QSL CW QSOs to Ron Costa Leite PY1BVY, Pres. Backer 34/1502, 24220 Niteroi, Brasil. IRCs or US$1 please. Additional contributions toward the cost of the trip would be greatly appreciated.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Christmas Island - T32 Several of the KH5 operators will be on from Eastern Kiribati (OC-24) until May 18: F6EXV as T32BH, KP2A as T32JA, and JA5DQH as T32ZZ.

Christmas Island - VK9X Scotty W7SW is very active as VK9XT (OC-02). Try 3505 kHz at 1300Z and see Bandpass for VK9YT listings for favorite bands and frequencies.

Rwanda - 9X Duncan 9Q5DA has pinned down May 17-20 for his CW operation from 9X5AA. He expects to be on during darkness hours: 1600-0400Z.

China - BY The Tibet DXpedition by BTØLS and BTØZML will wrap up in the next couple of weeks. Both stations are in Tibet on the north side of Mt. Everest. Operators stand by for USA stations at 0100Z and 1200Z, on 14190 kHz, on Wednesdays and Saturdays. QSL via P.O.Box 6106, Beijing, China.

Liechtenstein - HBØ Several French DXers will operate HBØ/F6GMB August 8-20, on all bands 80-10M. They'll take along a separate VHF station. Special emphasis on RTTY on 15 and 20 meters to USA. More details to come.

Nepal - 9N Tow Warren VU2TJW will return to Nepal in June to operate 9N1MM on CW. On Saturday, April 23, Tom worked 1200 stations on CW from Father Moran's station, on 40-10 meters. He suggests 15 meters at 14-16Z for the eastern USA, and on 20M for the west. 17-0300Z was a good time for east and central USA on 20, although the band drops out for a hour or so around 2300Z. Next visit he'll try 40 meters at 2330Z. QSL 9N1MM to N7EB. Look for Tom as ATØT in WPX CW.

Sao Tome - S9 Eric SMØAGD has been quite active as S9AGD since early May. He wraps up his trip on May 18, so work him now. QSL route in Issue 434.

Shortly Noted

- DX Family News says that DJ5RT will operate from Crete as J40MAR/SV9 May 20-26.
- Dr. Wayne Tope KK4AJ is presently in Andorra, but his gear and computer did not survive the trip. He won't be on the air until repairs can be completed. Please stand by on requests for skeds.
- The 73 magazine DXpedition to St. Pierre May 26-29 has a new QSL manager. QSL FP/W2NSD, FP/NA5E, and FP/KA1HY via Ralph Hirsch K1RH.
- 3X1SG just received his license, and is on barefoot into a dipole, especially on 15 M SSB. ON5ZY will be on from 3X on 21170 kHz at 1700Z, and on 21350 kHz at 0700Z.
- Warrick ZK1WL is on Penrhyn Island (OC-82) in the North Cook Islands. He's on every Sunday on 28300-400 kHz, until 0300Z. They he moves to 15M. Ron ZL1AMO expects to operate from his station this summer.
- Bert SP6RT was back in Benghazi, Libya, last month, but was only able to make a few contacts as 5AØA on April 20. He is optimistic about more 5A amateur activity.
- 20 meter regulars include: 3B8CF on 14030 kHz at 0330Z, working East Coast; 4S7EA on 14010-20 at 2200Z; UW3HY/1 from Franz Josef Land on 14023 kHz at all hours; P29FG on 14201 kHz at 1230Z, long path into the East coast; and V85HG on 20M SSB at 1230Z.
- 20 meter SSB net check-ins were: CN8FB, OD5KV, 9K2KW, JX8XY, KC6HA, and TL8HW.
- A new 20 meter SSB net meets on 14251 kHz at 2100Z with JY3ZH control. Middle east and Africa, mainly.

PROPAGATION

Forecast and Historical Data

Day May	Forecast	27 Days Before Date	Flux	A	K	55 Days Before Date	Flux	A	K
13	Above Nor	4/16	147	10/14	4	3/19	119	04/11	1
14	Above Nor	4/17	144	07/12	1	3/20	115	04/11	0
15	Above Nor	4/18	144	06/15	1	3/21	119	01/09	0
16	High Nor	4/19	137	15/15	3	3/22	118	03/11	1
17	High Nor	4/20	134	07/13	3	3/23	122	07/11	3
18	High Nor	4/21	126	06/15	1	3/24	122	06/10	1
19	Disturbed	4/22	119	35/74	4	3/25	129	09/17	3
20	Below Nor	4/23	110	18/33	1	3/26	130	15/65	4
21	High Nor	4/24	104	05/12	3	3/27	131	20/48	3
22	High/Low	4/25	105	05/14	2	3/28	130	14/46	3
23	High/Low	4/26	103	08/15	0	3/29	132	22/56	4
24	High/Low	4/27	101	04/15	1	3/30	125	15/48	3
25	Low Normal	4/28	100	13/23	2	3/31	134	09/21	2
26	High/Low	4/29	101	09/14	1	4/1	127	08/26	3
27	High/Low	4/30	103	07/15	1	4/2	127	13/33	2
28	High Nor	5/1	107	05/12	2	4/3	128	18/67	4
29	High Nor	5/2	115	07/--	2	4/4	123	60/103	4

Thanks KH6BZF and Space Environment Services Center.

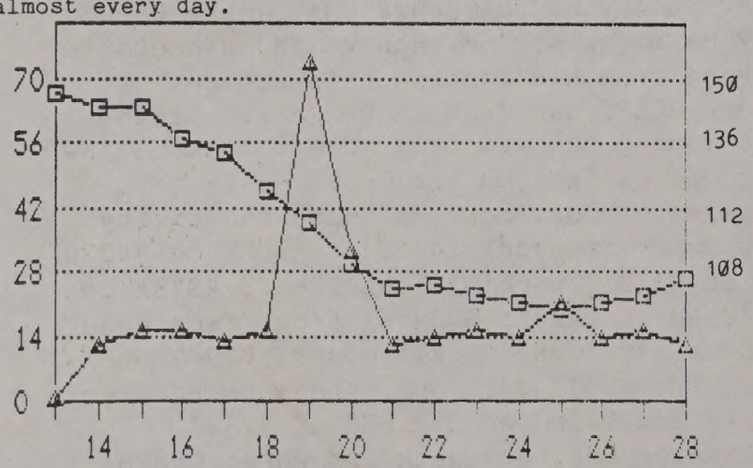
Propagation Watch

How bad were band conditions on May 6? Did you start to rip apart your receiver or station to find out why you couldn't even copy WWV? A major solar storm started late Thursday night, May 5, and peaked mid-day on May 6, with a K index at 0900Z of 9, equivalent to an A index reading of 400! The Space Environment Service Center's computer isn't producing Planetary A index readings this week, but the Boulder A index hit 60 on May 6.

DXers are also missing the great 10-meter band openings that we experienced in mid-April. The solar flux has dropped to a more-normal range of 110-120, which is enough to provide good 15-meter propagation during daylight hours. Be on the lookout for any small increase in flux, as 10 meters will open with even a slight increase. Propagation on 10 meters will decline with the coming of summer in the Northern hemisphere, but we're entering the summer sporadic-E season, so keep an ear out for multiple-hop E-skip.

If the solar activity repeats itself this solar revolution, look for good 20 meter propagation until well after local sunset, plenty of 15 meter activity, and some long-path openings on 40 at local sunrise. May 19-20 should be poor days for DXing.

Seasonal increases in noise and increased absorption have taken their toll on 80 and 160 meters, but Top Band regulars continue to report contacts almost every day.



Solar flux (squares, scale at right), Planetary A index (triangles, scale at left) for 27 days prior to dates given. Thanks Space Environment Services Center.

SWL Convention

The Association of North American Radio Clubs (ANARC) holds its annual convention July 13-16, 1988, at the Holiday Inn in Irvine, California. The ANARCON 1988 convention is hosted by American Shortwave Listeners Club (ASWLC), assisted by the Southern California Area DXers. There will be an amateur station up and running throughout the convention.

Program speakers include Gordon West WB6NOA, Dale Sinner W6IWO of the RTTY Journal. George Jacobs W3ASK, Larry Ledlow NA5E, Editor of 73 mag., and many others. Registration for the 4-day event is $25 from Stewart Mackenzie WDX6AA, ASWLC, 16182 Ballad Lane, Huntington Beach CA 92649.

XU1SS Needs Solar Recharger

Seth XU1SS has asked for assistance in obtaining a solar battery charger for his HF rig. He needs about US$150 to purchase a 4-bank solar changer that can charge two batteries per day, greatly extending XU1SS operating hours. He is presently borrowing the charger for a soldier, but does not have full-time access to the charger. Any DXer wishing to help Seth can send funds to Ben YB3CN, Box 545 Surabaya, 60001 Indonesia. (Ben often monitors XU1SS QSOs, and can provide QSLs for those contacts.)

CQWW SSB in Albania?

Would you like to spend CQWW SSB weekend in Albania? Thanks to Voyages Jules Verne, you can do just that. That London-based travel agency provides a three-day "Albanian Weekend," Oct. 28-31, 1988, at only L495 including round-trip airfare from London. Only two minor problems: the US State Department will not permit travel to Albania by US citizens, and the chances of getting operating permission are vanishingly small. Still, these weekend tours of Albania show an increasing awareness of the tourist trade, and perhaps other barriers will drop soon.

For more information on the Albanian weekend, call Voyages Jules Verne at 01-486 8080, or write them at 21 Dorset Square, London NW1 6QJ. [Tnx WB6ZUC.]

New Oblast Guide Available

Geoff Watts, long-time editor of the DX News Sheet, now offers a USSR Oblast Guide, for US$3, or 6 IRCs. The Guide includes outline maps of all 184 oblasts, numerical and prefix lists of the oblasts, oblast of 1, 2, and 3-letter prefix stations, club-station oblast lists, deleted oblasts, CQ-M rules, R-150-S countries list, CQ and ITU zones, and more. Geoff also publishes a DXCC Countries Guide and a Prefix-Country list, each US$3. Contact Geoff at 62 Belmore Road, Norwich NR7 0PU, England.

April Fools Day Issue

Several readers noticed that the first issue of The DX Bulletin in April (I431) was dated Saturday April 2, and not Friday April 1. As many DXers who attended Dayton or Visalia know, there was an issue of The DX Bulletin dated April 1, 1988, a very tongue-in-cheek parody of a regular issue. The April Fools Day issue includes Don Miller returning to Minerva Reef, SM0AGD on Bouvet, ZL1AMO as 1S1AMO, comments on Aruba, the Colvins, and nets, the return of the Marauder Minimum, and the first public appearances of Slim. Although that issue was not mailed to readers, copies are available from The DX Bulletin for a business-sized self-addressed, stamped envelope. An open mind and the ability not to believe everything you read would be very useful. [Speaking of April Fools Day, only a handful of the "regulars" were on the air that day, including GR1EF, 4Q2OM, and UB0ZO. RG8AU, 6L6GT, APR1L, FO0LS, and others didn't show this year.]

BANDPASS

Reports Wanted, Especially RTTY, 30 meters

-----RTTY-----				
CO2BB	14089	2341	2	CA
FKØAW	14087	0455	26	ND
FM5FA	14092	0245	27	ND
HA1AC	14088	2310	25	OH
J6LGH	14086	2305	26	ND
KH5/ WØRLX	14083	0530	5	CA
RV9FQ	14091	0330	30	ND
TR8RLA	14089	2130	26	ND
UT5RP	14096	2308	1	WI
V85GA	14089	1630	21	CA
VU2JX	14083	2201	23	VA
ZL1BIL	14083	0435	27	OH
-----160 Meters-----				
FW/N6YLB	1830	1303	08	WA
KH5/ WØRLX	1832	0700	4	CO
KH5K/ K9AJ	1831	0955	27	MD
	1832	0515	27	WA
KL7U	1835	1007	3	FL
KX6DC	1830	0950	1	CO
KX6DC	1834	1235	29	WA
VK9LT	1827	1247	27	WA
-----80 Meters-----				
FT5ZB	3501	2255	1	NH
FT5ZB	3506	0105	26	MA
FT5ZB	3507	1330	28	WA
KH3/WY5L	3504	1000	21	MA
KH5/ WØRLX	3505	1003	3	FL
KH5K/ K9AJ	3505	1024	28	JA
TY9SI	3501	0025	25	TN
UAØFM	3503	1004	6	FL
VK9YT	3502	1300	28	WA
-----75 Meters-----				
FT5ZB	3796	1348	25	OR
ZP6EM	3797	0001	4	MA
-----40 Meters-----				
A22BW *	7008	1408	23	OR
FT5ZB *	7005	1114	2	AL
JT/OK1XC	7006	1005	5	MA
KX6DS	7006	1048	1	MA
S9AGD	7004	0100	7	FL
UZ2FWZ	7010	0110	7	FL
VK9YT	7001	1145	27	OR
XF1C	7006	0959	3	FL
ZL7TZ	7007	1140	28	GA
-----20 Meter CW-----				
3B8CF	14029	0340	3	FL
3XØA/A	14025	2030	7	FL
4KØDR	14005	0146	5	MA
4S7EA	14022	2209	3	FL
4S7WP	14026	1138	2	WI
4S7WP	14009	0041	25	MA
4S7WP	14017	2256	3	KS
4U/OH6XY	14030	1822	24	MA
4U1ITU	14024	1138	28	AL
5T5DA	14001	0203	17	GA
5U7/ TU4BR	14004	2108	27	MT
7X2FK	14014	0210	4	FL
8Q7MT	14028	2056	3	FL
8Q7VG	14023	1940	21	GA
9J2BO	14025	1407	22	MT
9L1GG	14015	2321	1	PA
9N1MM	14027	0050	24	FL
9Q5DA	14006	0340	30	CO
C31LBB	14016	0005	4	FL
C53GS	14011	2311	25	MD
FT5ZB	14024	0428	4	KS
HKØBKX	14020	1305	1	FL
HLØM	14020	1200	29	FL
IP1/ I2NYN	14027	1000	3	NH
JD1AMA	14026	0021	2	PA
JT/OK1XC	14025	1045	25	NH
JT2AB	14012	1244	25	MD
JY8XY	14023	2316	7	FL
RH8BA	14036	0229	26	OR
RJ8JDV	14044	0128	30	FL
RZ1OWA	14057	0347	3	FL
TA2AI	14020	2357	20	GA

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Tell your fellow DXers about The DX Bulletin!

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UG6GG	14007	1530	1	WA
UG7GWO *	14003	1215	29	MN
UI8ADJ	14024	0030	26	WI
UI8AHU	14021	0042	5	FL
UI8OAE	14030	1827	28	OR
UJ8XA	14049	0250	1	WI
UJ8XD	14016	1745	30	MN
UW3HY/1	14023	0044	1	MA
UW3HY/1	14025	1326	1	MN
UW3HY/1	14024	2105	2	IA
UZ1QWX	14008	0216	24	NH
V47NXX	14002	2400	27	NH
V85AA	14004	1640	25	OR
VK9YT	14002	1037	25	MA
VQ9JW	14013	0036	3	FL
VS6HO	14025	1257	25	MD
VS6UD	14006	1216	26	AL
VU2TJW	14025	0211	3	FL
-----20 Meter SSB-----				
3B9FR	14191	1221	30	NH
4S7NMR	14166	0151	30	MA
4U/VO1KS	14176	0251	30	MA
4U/VO1KS	14223	0500	28	CA
7X5VRK	14163	0047	1	MA
7X5VRK	14180	0236	21	MN
9K2DT	14240	0043	2	MA
9K2DT	14339	0140	2	CO
9K2DT	14212	0126	4	MA
9K2KW	14240	0153	2	MA
9M2DW	14200	1458	3	CA
9N1MM	14193	0100	1	MA
A4XKB	14190	0301	30	MA
BV/DJ6AJ	14219	1225	25	MD
BV2B	14218	1351	2	MD
C21FS	14232	0557	26	OR
CEØICD	14255	0211	18	MD
CEØNKY	14182	0352	14	MN
D44BC	14205	0430	2	CO
EKØAA	14167	0123	5	MA
EP3HZ	14151	0048	5	MA
EXØCR	14182	0247	2	MA
HH2MC	14199	0213	2	MA
HV3SJ	14198	0520	19	EU
J52BLU	14160	2326	27	ON
J52US	14188	2200	1	IA
JT1BG	14194	0215	24	MA
JY3ZH	14251	2345	24	VT
JY5MK	14166	0145	30	MA
OD5NG	14257	2338	1	MA
OD5NT	14247	0135	5	CO
OD5VT	14215	0130	24	MA
P29FG	14201	1346	30	CT
P29GN	14192	1101	30	NH
RL8PYL	14186	1428	20	ON
SØRASD	14190	2215	26	FL
TA1AZ	14195	2140	26	JA
UG7GWD	14233	0253	2	MA
UG7GWO	14184	0345	1	WI
UJ8JCM	14197	0153	27	WI
UL8GWB	14229	0147	2	MA
V85HG	14165	1229	25	MD
VK9YT	14215	1532	2	CO
YI1ØBGD	14183	1931	21	VA
YN3EO	14194	0329	30	NC
ZD7JT	14218	0559	18	ON
-----15 Meter CW-----				
4U/OH6XY	21045	1753	24	CT
4U3ITU	21025	1310	7	FL
5H1HK	21040	2125	26	JA
5U7/ TU4BR	21032	0030	1	FL
	21032	0040	1	MD
8R1Z	21014	2115	28	OR
9J2EZ	21025	1820	26	GA
9V1XC	21007	1440	20	EU
BY4RB	21048	1345	24	NH
BY5NC	21026	0110	27	FL
CEØFFD	21006	2223	3	FL
FK8FS	21020	0312	2	MA
HY7FIT	21030	1805	28	NH
HZ1HZ	21005	0943	28	JA
HZ1HZ	21018	0040	4	FL
JT1KAA	21027	0125	27	FL
RH8AA	21032	1832	23	CT
TA2B	21020	2031	24	MI
TJ1GHJ	21025	1320	7	FL
TR8FC	21015	1915	28	NH
TR8RCZ	21020	2030	19	GA
UG6GRA	21017	1435	23	FL
UI8IF	21027	1843	1	FL
YN3CC	21027	2225	29	FL
Z23JO	21109	1740	2	NH
ZD8AR	21022	1554	24	MA
-----15 Meter SSB-----				
3DAØAN	21342	1800	24	MA
3DAØBW	21335	1723	2	TN
3X1SG	21310	0119	30	MA
5H3BH	21275	1820	1	IA
5NØWRE	21273	2056	26	CT
5N4/ KØLXA	21337	2035	1	NH
5W1FV	21280	0255	26	OH
7P8EC	21347	1906	10	NH
9K2KW	21294	1330	23	TN
9M2AY	21292	1752	30	CT
9M2BZ	21309	1603	20	MD
9V1TJ	21183	1220	29	NH
BTØZML	21270	1448	23	CT
HV3SV	21242	1904	17	MD
J52US	21209	1535	30	CO
JY5DL	21296	1830	3	CO
S92LB	21296	2200	27	CA
SX1RAAG	21248	1915	1	NH
TR8JLD	21231	1963	30	NC
UL8GWB	21251	1811	1	CT
V21CH	21283	1906	29	CT
ZK1WL	21270	0415	25	OR
-----12 Meters-----				
FM5WD	24942	1447	17	NS
HP1XOR	24955	1643	17	NS
HZ1AB	24950	1641	17	NS
HZ1AB	24900	1613	24	MA
TK5BF	24942	1448	17	NS
VK6RO	24950	2305	17	NS
-----10 Meter CW-----				
9J2AL	28032	1750	23	FL
9Q5DA	28011	1800	28	FL
C53GS	28008	1650	25	FL
CEØFFD	28015	2321	30	MD
HZ1AB	28021	1430	2	FL
J28CW	28006	1455	1	FL
TY9SI	28026	1245	30	FL
TZ6FIC	28014	1515	30	MD
VS6DO	28022	1248	17	MD
Z21FN	28029	1305	30	FL
ZS6RF	28050	1450	7	FL
-----10 Meter SSB-----				
3B8FP	28515	1503	30	MD
3B9FR	28520	1416	16	MD
3B9FR	28490	0916	17	EU
5V7WD	28502	1500	1	FL
5Z4DU	28491	1420	20	EU
FT5ZB	28486	1040	20	EU
J28EV	28540	1518	12	EU
KH5/ WØRLX	28495	2225	2	CO
S92LB	28513	2105	19	NS
TA2AO	28554	1755	27	CO
TL8HW	28493	1514	30	MD
Z21GU	28610	1600	24	MA
ZS3PQ	28480	1714	1	MD
ZS3BI	28500	1619	30	NH
HZ1AB	14720	0243	28	MA

Key to Bandpass: Callsign, frequency, UTC, day of month state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

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April-May Calendar:

Sun	Mon	Tue	Wed	Thu	Fri	Sa
24	25	26	27	28	29	30
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

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RTTY Report

- **EA9JV** has been very active on 14092 kHz at 0200Z.
- **BV2B** has been on AMTOR ARQ on 14075 kHz at 0900Z.
- **9H4B** has been on 14079 kHz at 2000Z on AMTOR.
- Another AMTOR station is **FKØAW**, on 14073 kHz at 0700Z. QSL to F6BFH.
- Two Indian stations have been worked in the US: VU2JX has been on 14085 kHz at 21-2200Z, and VU2NR was on 14091 kHz at 0200Z. QSL VU2JX via J. Srinivasan, 340 Block Y, Bangalore 560034, India.
- KP4N is often on 14094 kHz at 0500Z.
- TR8RLA continues activity on 14088 kHz at 2145Z.
- J6LDH has been on 14082 kHz at 2140Z.
- FM5BK frequents 14087 kHz around 2300Z.
- 3C1MB continues his activity on 14095 kHz at 0645Z.

The DX Bulletin

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CALENDAR

Issue 437 - May 13, 1988

(Changes and hot info in boldface.)

Amsterdam - FT8Z	FT5ZB 1832 14-1500Z	I426
	28027 03Z, 28530 12Z	I435
Aruba - P4	P40P June 15-22	I431
Central Africa TL	TL8TG mid-May	I432
Chagos - VQ9	VQ9ZM June-Sept	I436
China - BY	20 MCW/SSB 0030-01Z	I423
Christmas Is.	VK9XT May 3-24	I433
	See Bandpass for VK9YT	
Christmas Is. T32	by KH5 ops May 9-17	I436
Congo - TN	by N4NW soon	I432
Curaco - PJ2	PJ2/N5RM May 24-31	I427
E. Carolines	KC6DX May 27-June 5	I433
Faroes - OY	OY/DK9FE May 8-27 CW	I424
Franz Josef Land	UA1O/UA0BDU, UW3HY/1	I434
Glorioso - FR/G	FR0EH/G June 22-July	I436
Guinea-Bissau J5	J52US 28450 kHz 14Z+	I435
India - VU	AT0T WPX CW	I429
Ivory Coast - TU	TU4GR to mid-August	I433
Juan de Nova FR/J	FR0EH/J to May 30	I436
Juan Fernandez	CE0ICD 14236 2200Z	I434
Kerquelen Is.	FT2XE 28028 1100Z	I435
Kuwait - 9K2	9K2KW 14230 2300Z	I435
Liechtenstein HB0	HB0/F6GMB Aug 8-20	I437
Little Cayman	ZF2ME/ZF8 May 15-20	I436
Macao - XX	XX9MF CQ WPX CW	I436
Martinique - FM	FM/JA2EZD May 12-20	I436
Montserrat - VP2M	KJ4VH May 6-15	I434
Mt. Athos - SY	SY2A soon!	I435
Nepal - 9N	9N1MM 14236 00Z Wed	I428
	14183 0100Z	I434
	9N88ITU May 13-15	I436
	9N1MM on CW in June	I437
North Cooks ZK1	ZK1QC June 25-30	I436
	ZK1WL 28300 0200Z	I437
Oman - A4	A4XKJ 14195-200 12Z+	I434
	A4XKB 20M SSB 0200Z	I435
Rodriguez - 3B9	3B9FR 14250 at 0300Z	I435
Rwanda - 9X	9X5AA CW May 17-20	I435
Saba Is. - PJ	PJ0M 6M Jul 7-14	I430
St. Martin - FS	FG/JA2EZD/FS 1 week	I436
St. Pierre - FP	73 Mag May 26-29	I434
Sao Tome - S9	S9AGD May 3-18	I434
Swaziland - 3DA0	3DA0BW 28490 1500Z	I434
Tokelau - ZK3	by VK2BCH May	I435
Trinidade - PY0T	ZY0TR et al June 1-7	I437
	esp. RTTY 14087 kHz	I437
Tuvalu - T2	CQWW SSB by K8JRK	I432
Vatican - HV	HV3SJ 21242 2000Z	I435
	HV3SJ CQ WPX CW	I436
West Sahara - S0	S0RASD 21250 1800Z	
	28550 kHz at 1630Z	I435
Western Samoa 5W	by VK2BCH from May 8	I435
Yemen - 4W	4W0EA late June	I435
Zambia - 9J2	9J2EZ 21010 at 2000Z	I435
Zone 23 - BT0	BT0LS, ZML to May 30	I437
	14180/280 00, 12Z	I433

DX Activities and Contests

Date	Event or Activity	Info
May 14-15	Russian CQ-M Test	CQ
May 28-29	CQ WW WPX CW Test	CQ
June 4-6	ANARTS RTTY Contest	CQ
June 18-19	All Asian Phone	CQ

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Contributors

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